

ML5 SIMPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)								
Normal working pressure - psi		175						
Capacity at normal working press - cfm		19.1						
Basic Pump								
Model		D96A						
Stage	2							
Lubrication type		Centro-Ring Pressure Lubrication						
Valve type	Disc Valve							
RPM (min – max) – rpm		500 - 800						
Outfit RPM		620						
BHP – HP		4.44						
Bore (LP/HP) – inch		4.5"-2.3125"						
Stroke – inch		3.5"						
Inlet size		Rc1 BSPT						
Discharge size		7/8" OD						
Sheave OD			16.37					
Sheave PD		16.125"						
Number of belts		2						
Belt section		A						
Low oil sight glass		N/A						
Oil quantity		4 Pints						
Unloaders and Method		Suction Head						
Noise level – dB(A)		78						
Motor	1-230V	3-200V	3-230	V 3-460	3-575V			
Enclosure	IP23	IP23	IP23	IP23	IP23			
Insulation Class	F	F	F	F	F			
Efficiency - %	82.5	87.5	89.5	89.5	89.5			
Nominal rated power – HP	5	5	5	5	5			
Speed of rotation - rpm	1725	1750	1750	1750	1750			
FLA	23.0	16.4	13.2	6.6	5.3			
Service factor	1.15	1.15	1.15	1.15	1.15			
Locked rotor current – A	129	109	95	47	38			
Power Factor	87	74	80	80	80			
Installation condition				<u> </u>	<u> </u>			
Allowed ambient temperature min - max - °F		32-104						
Compressor dimensions								
Air Receiver Type	Vertical	Vertica	I UP	Horizontal	Horizontal UP			
Air receiver size (Gal)	80	80		80	80			
Compressor outlet	1/2" NPT	1/2" N	PT	1/2" NPT	1/2" NPT			
Length – inch	36	39		67	67			
Width – inch	30	32		26	29			
Height – inch	77	78		51	52			
Weight – Lbs.	600	650		600	650			
Air Cooled Aftercooler (Option)								
Availability		Yes						
Air cooled aftercooler CTD - °F			18					
Pamarla								

Remark:

- Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
 Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
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ML5 DUPLEX

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)								
Normal working pressure - psi		175						
Capacity at normal working press - cfm		38.2						
Basic Pump								
Model		D96A						
Stage	2							
Lubrication type	Centro-Ring Pressure Lubrication							
Valve type		Disc Valve						
RPM (min – max) – rpm		500 - 800						
Outfit RPM		620						
BHP – HP		4.44						
Bore (LP/HP) – inch		4.5"-2.3125"						
Stroke – inch		3.5"						
Inlet size		Rc1 BSPT						
Discharge size			7/8" OD					
Sheave OD			16.375"					
Sheave PD			16.125"					
Number of belts		2						
Belt section		A						
Low oil sight glass		N/A						
Oil quantity		4 Pints Each						
Unloaders and Method		Suction Head						
Noise level – dB(A)		78						
Motor	1-230V	3-200V	3-230V	3-460	3-575V			
Enclosure	IP23	IP23	IP23	IP23	IP23			
Insulation Class	F	F	F	F	F			
Efficiency - %	82.5	87.5	89.5	89.5	89.5			
Nominal rated power – HP	5	5	5	5	5			
Speed of rotation - rpm	1725	1750	1750	1750	1750			
FLA	23.0	16.4	13.2	6.6	5.3			
Service factor	1.15	1.15	1.15	1.15	1.15			
Locked rotor current – A	129	109	95	47	38			
Power Factor	87	74	80	80	80			
Installation condition		<u> </u>	<u> </u>		<u> </u>			
Allowed ambient temperature min - max - °F		32-104						
Compressor dimensions								
Air Receiver Type	Н	lorizontal		Horizontal UP				
Air receiver size (Gal)		120		120				
Compressor outlet	3	3/4" NPT		3/4" NPT				
Length – inch		76		83				
Width – inch		29		31				
Height – inch		56		57				
Weight – Lbs.		1025		1095				
Air Cooled Aftercooler (Option)								
Availability		Yes						
Air cooled aftercooler CTD - °F			18					
Pomork:			• •					

Remark:

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 Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
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ML5 BASE MOUNTED

TECHNICAL DATA

Capacity and power: ISO-1217(1996 annex #C)								
Normal working pressure - psi		175						
Capacity at normal working press - cfm		19.1						
Basic Pump								
Model	D96A							
Stage	2							
Lubrication type	Centro-Ring pressure Lubrication							
Valve type	Disc Valve							
RPM (min – max) – rpm	500 - 800							
Outfit RPM		620						
BHP – HP	4.44							
Bore (LP/HP) – inch		4.5"-2.3125"						
Stroke – inch		3.5"						
Inlet size		Rc1 BSPT						
Discharge size		7/8" OD						
Sheave OD		16.375"						
Sheave PD		16.125"						
Number of belts		2						
Belt section	A							
Low oil sight glass	N/A							
Oil quantity	4 Pints							
Unloaders and Method	Suction Head							
Noise level – dB(A)	78							
Motor	1-230V							
Enclosure	IP23	IP23	IP23	IP23	IP23			
Insulation Class	F	F	F	F	F			
Efficiency - %	82.5	87.5	89.5	89.5	89.5			
Nominal rated power – HP	5	5	5	5	5			
		4750	1750	4750	1750			
Speed of rotation - rpm	1725	1750	1730	1750	1730			
Speed of rotation - rpm FLA	1725 23.0	1750	13.2	6.6	5.3			
FLA	23.0	16.4	13.2	6.6	5.3			
FLA Service factor	23.0 1.15	16.4 1.15	13.2 1.15	6.6 1.15	5.3 1.15			
FLA Service factor Locked rotor current – A	23.0 1.15 129	16.4 1.15 109	13.2 1.15 95	6.6 1.15 47	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor	23.0 1.15 129	16.4 1.15 109	13.2 1.15 95	6.6 1.15 47	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition	23.0 1.15 129	16.4 1.15 109	13.2 1.15 95 80	6.6 1.15 47	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal)	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted N/A 1" NPT	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted N/A 1" NPT 35	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted N/A 1" NPT 35 31	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted N/A 1" NPT 35 31 34	6.6 1.15 47 80	5.3 1.15 38			
FLA Service factor Locked rotor current – A Power Factor Installation condition Allowed ambient temperature min - max - °F Compressor dimensions Air Receiver Type Air receiver size (Gal) Compressor outlet Length – inch Width – inch Height – inch Weight – Lbs.	23.0 1.15 129	16.4 1.15 109 74	13.2 1.15 95 80 32-104 Base Mounted N/A 1" NPT 35 31 34	6.6 1.15 47 80	5.3 1.15 38			

Remark:

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